# EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S1 | 32 | US-2125534-$.DID. OR WO-02092935-$.DID. OR DE-3714581-$.DID. OR WO-9964693-$.DID. OR US-1151716-$.DID. OR WO-9429541-$.DID. OR US-1245120-$.DID. OR DE-2107402-$.DID. OR US-4121972-$.DID. OR US-7201790-$.DID. OR JP-2002339493-$.DID. OR JP-2002339491-$.DID. OR JP-2002339496-$.DID. OR JP-2003145525-$.DID. OR JP-2003145526-$.DID. OR US-0052003-$.DID. OR JP-2003227200-$.DID. OR US-4510599-$.DID. OR US-4607199-$.DID. OR DE-19981047-$.DID. OR DE-19981047D2-$.DID. OR WO-9964696-$.DID. OR EP-1086281-$.DID. OR US-6969494-$.DID. OR US-9404087-$.DID. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/03/17 12:03 |

| S2 | 16 | US-9400231-$.DID. OR US-1073540-$.DID. OR US-2912848-$.DID. OR WO-19206253-$.DID. OR US-6660286-$.DID. OR US-7822500-$.DID. OR US-3930348-$.DID. OR US-9206253-$.DID. OR US-8631291-$.DID. OR US-2093119-$.DID. OR EP-0552201-$.DID. OR US-3763613-$.DID. OR DE-2110913-$.DID. OR US-2081159-$.DID. OR US-7103244-$.DID. OR US-140971D-$.DID. OR DE-2604998-$.DID. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/03/17 12:05 |
|----|----|----|----|----|----|
| S3 | 15 | JP-6502896-$.DID. OR US-212830D-$.DID. OR DE-69126314-$.DID. OR US-8631291-$.DID. OR US-2093119-$.DID. OR WO-92006253-$.DID. OR US-5396747-$.DID. OR US-2104723-$.DID. OR US-1004574-$.DID. OR JP-2754369-$.DID. OR JP-6012011-$.DID. OR JP-2000234409-$.DID. OR JP-9250196-$.DID. OR JP-9158379-$.DID. OR JP-2000291196-$.DID. OR JP-2000240207-$.DID. OR JP-6057649-$.DID. OR JP-3003623-$.DID. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/03/17 12:07 |

| S4 | 22 | EP-9903982-$.DID. OR US-2104245-$.DID. OR US-5396747-$.DID. OR EP-0658663-$.DID. OR EP-0617180-$.DID. OR US-2125534-$.DID. OR DE-1609493-$.DID. OR DE-3031276-$.DID. OR US-4702048-$.DID. OR EP-0924361-$.DID. OR DE-1243369-$.DID. OR DE-2139215-$.DID. OR US-2103950-$.DID. OR US-8631291-$.DID. OR US-2093119-$.DID. OR DE-69126314-$.DID. OR WO-9206253-$.DID. OR EP-0552201-$.DID. OR US-2104723-$.DID. OR US-1004574-$.DID. OR JP-6502896-$.DID. OR US-1264998-$.DID. OR US-1264099-$.DID. OR DE-2107402-$.DID. OR US-7201790-$.DID. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/03/17 12:08 |
| S5 | 657 | 264/35.ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/03/17 12:08 |
| S6 | 345 | S5 and concrete | US-PGPUB; USPAT | ADJ | ON | 2009/03/17 13:01 |
| S7 | 9 | S6 and reinforc$5 and lattice and (wire or mesh) | US-PGPUB; USPAT | ADJ | ON | 2009/03/17 13:04 |
| S8 | 380 | 52/742.14.ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/03/17 13:12 |
| S9 | 9 | S8 and concrete and reinforc$5 and lattice and (wire or mesh) | US-PGPUB; USPAT | ADJ | ON | 2009/03/17 13:13 |

| S10 | 843 | "264/308".ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/03/17 13:29 |
|---|---|---|---|---|---|---|
| S11 | 8 | S10 and concrete and reinforc$5 and (lattice or diagonal or pattern or grid or network or web or mesh) and wire | US-PGPUB; USPAT | ADJ | ON | 2009/03/17 13:34 |
| S12 | 416 | 264/228.ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/03/17 13:35 |
| S13 | 131 | 264/297.9.ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/03/17 13:35 |
| S14 | 854 | 264/241.ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/03/17 13:36 |
| S15 | 3170 | S5 or S8 or S10 or S12 or S14 or S13 | US-PGPUB; USPAT | ADJ | ON | 2009/03/17 13:37 |
| S16 | 218 | S15 and concrete and reinforc$5 and (lattice or diagonal or pattern or grid or network or web or mesh) and wire | US-PGPUB; USPAT | ADJ | ON | 2009/03/17 13:37 |
| S17 | 132 | S16 and layer | US-PGPUB; USPAT | ADJ | ON | 2009/03/17 13:38 |
| S18 | 6 | "1073540".pn. or "2912848".pn. or "3930348".pn. or "3763613".pn. or "5396747".pn. or "4702048".pn. | US-PGPUB; USPAT | ADJ | ON | 2009/03/17 13:44 |
| S19 | 20 | S17 and module | US-PGPUB; USPAT | ADJ | ON | 2009/03/17 13:53 |
| S20 | 20 | S17 and (module or (hollow element strip)) | US-PGPUB; USPAT | ADJ | ON | 2009/03/17 13:58 |
| S21 | 22 | S17 and (module or (hollow element)) | US-PGPUB; USPAT | ADJ | ON | 2009/03/17 13:58 |
| S22 | 4 | S21 and ((module or hollow element) with (displacer or ball or shell or circ$4 or cube or plastic)) | US-PGPUB; USPAT | ADJ | ON | 2009/03/17 14:00 |

| S23 | 1048 | concrete and reinforc$5 and (lattice or diagonal or pattern or grid or network or web or mesh) and wire | EPO; JPO; DERWENT | ADJ | ON | 2009/03/17 14:05 |
| S24 | 11 | S23 and layer and modul$2 | EPO; JPO; DERWENT | ADJ | ON | 2009/03/17 14:06 |
| S25 | 31 | S23 and modul$2 | EPO; JPO; DERWENT | ADJ | ON | 2009/03/17 14:06 |
| S26 | 31 | S23 and (modul$2 or hollow element) | EPO; JPO; DERWENT | ADJ | ON | 2009/03/17 14:07 |
| S27 | 94 | S23 and (modul$2 or hollow ) | EPO; JPO; DERWENT | ADJ | ON | 2009/03/17 14:07 |
| S28 | 30 | S27 and (layer or strip$2) | EPO; JPO; DERWENT | ADJ | ON | 2009/03/17 14:08 |
| S29 | 3 | JP-2003321894-$. DID. or JP-03321894-$.DID. OR DE-2116479-$. DID. or EP-552201-$.DID. or EP-0552201-$.DID. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/03/17 14:59 |
| S30 | 14 | ("0550612" \| "0584875" \| "3229437" \| "3328932" \| "3488909" \| "4702048").PN. OR ("5396747").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/03/17 15:41 |
| S31 | 89 | S16 and (module or hollow) | US-PGPUB; USPAT | ADJ | ON | 2009/03/17 15:52 |
| S32 | 19 | S31 and ((module or hollow) with (displacer or ball or shell or circ$4 or cube or plastic or spher$4)) | US-PGPUB; USPAT | ADJ | ON | 2009/03/17 15:54 |
| S33 | 0 | DE-2107402-$.DID. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/03/17 16:40 |
| S34 | 6 | cobiax technologies ag.as. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/03/17 16:43 |

| S35 | 197 | rheinhold & Mahla gmbh.as. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/03/17 16:46 |
| S36 | 5 | S35 and concrete and reinforc$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/03/17 16:47 |
| S37 | 341 | breuning.as. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/03/17 17:51 |
| S38 | 5 | S37 and concrete and reinforc$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/03/17 17:52 |
| S39 | 1 | "3213581".pn. | US-PGPUB; USPAT | ADJ | ON | 2009/03/17 17:54 |
| S41 | 244 | "52/576".ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/03/18 13:26 |
| S42 | 39 | S41 and concrete and reinforc$5 and (lattice or diagonal or pattern or grid or network or web or mesh) and (wire or steel) | US-PGPUB; USPAT | ADJ | ON | 2009/03/18 13:27 |
| S43 | 67 | "52/79.11".ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/03/18 13:30 |
| S44 | 25 | S43 and concrete and reinforc$5 and (lattice or diagonal or pattern or grid or network or web or mesh) and (wire or steel) | US-PGPUB; USPAT | ADJ | ON | 2009/03/18 13:30 |
| S46 | 13 | S44 and (hollow or plastic or sphere or ball or shell) | US-PGPUB; USPAT | ADJ | ON | 2009/03/18 13:31 |

| S49 | 156 | 52/742.14.ccls. and concrete and reinforc$5 and (lattice or diagonal or pattern or grid or network or web or mesh) and (wire or steel) | US-PGPUB; USPAT | ADJ | ON | 2009/03/18 13:34 |
| S50 | 109 | S49 and (hollow or plastic or sphere or ball or shell) | US-PGPUB; USPAT | ADJ | ON | 2009/03/18 13:34 |
| S51 | 34 | S50 and layer with concrete | US-PGPUB; USPAT | ADJ | ON | 2009/03/18 13:35 |
| S52 | 43 | 52/405.1.ccls. and concrete and reinforc$5 and (lattice or diagonal or pattern or grid or network or web or mesh) and (wire or steel) | US-PGPUB; USPAT | ADJ | ON | 2009/03/18 13:40 |
| S53 | 19 | S52 and layer with concrete | US-PGPUB; USPAT | ADJ | ON | 2009/03/18 13:40 |
| S54 | 13 | 264/271.1.ccls. and concrete and reinforc$5 and (lattice or diagonal or pattern or grid or network or web or mesh) and (wire or steel) | US-PGPUB; USPAT | ADJ | ON | 2009/03/18 16:14 |
| S55 | 1 | "6202375".pn. | US-PGPUB; USPAT | ADJ | ON | 2009/03/18 17:33 |
| S56 | 22 | welded wire mesh and concrete and module | US-PGPUB; USPAT | ADJ | ON | 2009/03/18 18:21 |
| S57 | 71 | (falsework or formwork) and wire mesh and concrete | US-PGPUB; USPAT | ADJ | ON | 2009/03/18 18:41 |
| S58 | 34 | S57 and modul$3 | US-PGPUB; USPAT | ADJ | ON | 2009/03/18 18:41 |
| S59 | 49 | S57 and (sphere or hollow or ball or shell or plastic) | US-PGPUB; USPAT | ADJ | ON | 2009/03/18 19:14 |

| S60 | 4 | "553305".pn. or "1335780".pn. or "4578301".pn. or "5079890".pn. or "5251414".pn. | US-PGPUB; USPAT | ADJ | ON | 2009/03/19 10:40 |
|-----|---|-----|-----|-----|-----|-----|
| S62 | 3081 | concrete and reinforc$5 and (lattice or diagonal or pattern or grid or network or web or mesh) and (wire or steel) | EPO; JPO; DERWENT | ADJ | ON | 2009/03/19 13:06 |
| S63 | 567 | S62 and (sphere or hollow or ball or shell or plastic) | EPO; JPO; DERWENT | ADJ | ON | 2009/03/19 13:07 |
| S64 | 268 | S62 and (sphere or hollow or ball) | EPO; JPO; DERWENT | ADJ | ON | 2009/03/19 13:07 |
| S65 | 16 | S64 and modul$4 | EPO; JPO; DERWENT | ADJ | ON | 2009/03/19 13:09 |
| S66 | 158 | S63 and ((lattice or grid or network or web or mesh) with (sphere or hollow or ball or shell)) | EPO; JPO; DERWENT | ADJ | ON | 2009/03/19 13:11 |
| S67 | 58 | S63 and ((lattice or grid or network or web or mesh) near4 (sphere or hollow or ball or shell)) | EPO; JPO; DERWENT | ADJ | ON | 2009/03/19 13:12 |
| S68 | 10 | ("3213581" \| "4702048" \| "5055252" \| "5396747").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/11/24 10:57 |
| S69 | 947 | 264/35.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/11/24 14:28 |
| S70 | 519 | S69 and concrete | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/11/24 14:28 |
| S71 | 57 | S69 and concrete and embed | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/11/24 14:29 |

| S72 | 157 | S69 and concrete and embed$3 and (hollow or bod$3 or plastic) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/11/24 14:29 |
|---|---|---|---|---|---|---|
| S73 | 10 | S69 and concrete and embed$3 and (hollow or bod$3 or plastic) and lattice | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/11/24 14:30 |
| S74 | 9 | S69 and concrete and embed$3 and (hollow or bod$3 or plastic) and module | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/11/24 14:30 |
| S75 | 603 | 264/34.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/11/24 14:31 |
| S76 | 365 | S75 and concrete | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/11/24 14:31 |
| S77 | 346 | S69 and concrete and (hollow or bod $3 or plastic) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/11/24 14:32 |
| S78 | 88 | S69 and concrete and (hollow or bod $3 or plastic) and (lattice or mesh) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/11/24 14:33 |
| S79 | 56 | S75 and concrete and (hollow or bod $3 or plastic) and (lattice or mesh) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/11/24 14:33 |
| S80 | 0 | S79 and hollow near3 ball | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/11/24 14:35 |
| S81 | 0 | S79 and hollow near3 bod$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/11/24 14:35 |
| S82 | 9 | S75 and hollow near3 bod$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/11/24 14:35 |

| S83 | 0 | S75 and hollow near3 ball | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/11/24 14:35 |
| S84 | 47 | S75 and concrete and (hollow or bod $3 or plastic) and (lattice or mesh) and layer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/11/24 14:36 |
| S85 | 1 | S84 and module | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/11/24 14:38 |
| S86 | 24 | S84 and embed$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/11/24 14:38 |
| S87 | 5 | S84 and embed$4 near3 (hollow or bod$3 or ball or plastic) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/11/24 14:38 |
| S88 | 35 | S84 and reinforce $3 and (hollow or bod$3 or ball or plastic) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/11/24 14:40 |
| S89 | 8 | S88 and light near weight | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/11/24 14:41 |
| S90 | 30 | S69 and concrete and reinforce$3 and (hollow or bod $3 or plastic) and light near weight | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/11/24 14:41 |
| S91 | 1198 | "52".clas. and concrete and reinforce$3 and (hollow or bod$3 or plastic) and light near weight | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/11/24 15:32 |
| S92 | 64 | "52".clas. and concrete and reinforce$3 and hollow near3 (bod $3 or ball) and light near weight | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/11/24 15:33 |

| S93 | 38 | "52".clas. and concrete and reinforce$3 and hollow near3 (bod $3 or ball) and light near weight and (embed$3 or void) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/11/24 15:33 |
|---|---|---|---|---|---|---|
| S94 | 38 | "52".clas. and concrete and reinforce$3 and hollow near3 (bod $3 or ball) and light near weight and (embed$4 or void) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/11/24 15:33 |
| S95 | 20 | "264".clas. and concrete and reinforce$3 and hollow near3 (bod $3 or ball) and light near weight and (embed$4 or void) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/11/24 15:34 |
| S96 | 27 | "264".clas. and concrete and reinforce$3 and hollow near3 (bod $3 or ball) and lightweight and (embed$4 or void) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/11/24 15:36 |
| S97 | 9 | ("3113402" \| "3224725" \| "4416928").PN. OR ("4495744").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/11/30 12:14 |
| S98 | 172 | "264".clas. and reinforc$5 and wire near mesh and concrete | US-PGPUB; USPAT | ADJ | ON | 2009/11/30 12:35 |
| S99 | 175 | "264".clas. and reinforc$5 and wire near mesh and concrete | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/30 12:35 |
| S100 | 40 | S99 and (264/34. ccls. or 264/35. ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/30 12:37 |
| S101 | 13 | S99 and weld$3 near wire near mesh | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/30 12:37 |

| S102 | 16 | ("1140571" \| "1767067" \| "3213581" \| "3624978" \| "3640040" \| "4116415" \| "4495744").PN. OR ("5797230").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/11/30 16:19 |
| S103 | 2 | "5396747".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/30 17:01 |

12/3/2009 5:22:08 PM
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